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FOR THE BENEFIT OF THE LESS DEVELOPED AREAS

SUMMARY

Agenda Item: D.14

Finland

FACTORY PRODUCTION OF WOODEN BUILDINGS AND STRUCTURE

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Factory Production Of Wooden Buildings And Structures

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Summary

The housing problem is very urgent in many less developed areas. However, its solution is very difficult, as investments in housing often have an inflatory effect.

Prefabricated building has several advantages over the conventional method and, therefore, it may, in many cases, lead to a practical and feasible solution of the housing problems.

The author describes briefly different systems of prefabrication. Without going into great detail the pre-cut panel systems and/ are mentioned as the most important. After that dwellings and schools are mentioned as the most important buildings where prefabrication can be practised successfully, also hospitals, army buildings, industrial buildings etc.

Local conditions, such as transport facilities, local rawmaterials and availability of labour affect the form of prefabrication to be used.

In the last paragraph, the author puts the main stress on the importance of the international cooperation in the application of prefabrication in less developed areas. A haphazard start in this new industry certainly will lead to failure. The governments and United Nations specialized agencies have an important task to lead the progress.

In Annex I a short calculation is given of the investment needed for a house factory of medium size.

S - 521 E - Oct.1962 - 1,600